

Title (en)  
A selector apparatus of an automatic transmission of vehicle

Title (de)  
Schalthebel für ein automatisches Fahrzeuggetriebe

Title (fr)  
Lever de commande pour transmission automatique d'un véhicule

Publication  
**EP 1580461 A2 20050928 (EN)**

Application  
**EP 05006345 A 20050323**

Priority  
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Abstract (en)  
A selector apparatus of an automatic transmission of vehicle which can suppress backlash of teeth of the gear arrangement of the lever bracket and the select-link to improve good operability of the selector lever by urging the select-link along its pivotal axis so that the teeth of the select-link are urged on to the teeth of the lever bracket. According to the present invention, there is provided selector apparatus of an automatic transmission of vehicle comprising: brackets 1a and 1b to be secured on a body of vehicle; a selector lever 2 pivotally supported on the brackets 1a and 1b; a lever bracket 3 arranged at a base end of the selector lever 2 and formed with sector gear teeth 3a; and a selector-link 4 for actuating a transmission via a wire W interposed between the selector-link 4 and the transmission formed with sector gear teeth 4a mating with the sector gear teeth 3a of the lever bracket 3 and rotated by the pivotal motion of the selector lever 2 characterized in that: tooth surfaces of the teeth 3a and 4a of the lever bracket 3 and the select-link 4 are tapered, and there is provided an urging means 7, 8 and 9 for urging the select-link 4 along its pivotal axis so that the teeth 4a of the select-link 4 are urged on to the teeth 3a of the lever bracket 3.

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